

Utah Proper Use Factor List

Following is the official interagency range plant proper-use factor (palatability) list for Utah as of March, 1939. These may be interpreted as the percent of allowable use on ranges under proper management.

Utah was divided into three sub-areas; i. e., Western Utah (west of the central mountain chains, except south of Pine Valley Mountains), 2. Southern and Southeastern Utah (south of Pine Valley, Boulder and Henry Mts., and Moab), and 3. East-central and Eastern Utah (east of central mountain chains, north of Henry Mts., and Moab). Some plants were assigned separate figures for each sub-region, in which case, three figures occur for each plant, (W.) being western Utah as described above, (S.) being southern and southeastern Utah, and (E.) being eastern Utah.

Poisonous and annual plants are assigned regular palatability figures and, where protection of the stock or the range demands, a regulation of the forage-acre allowance should be made to care for over abundance of poisonous or annual plants.

Grasses

SPECIES	SYMBOL	COMMON NAME	CATTLE				SHEEP			
			Su.	Sp.	F.	W.	Su.	Sp.	F.	W.
<i>Agropyron</i> spp.	Ags	wheatgrass	70	75	60	70	50	60	40	50
<i>Agropyron subsecundum</i>	Asp	bearded wheatgrass	50	60	40	40	30	40	40	30
<i>Agropyron riparium</i>	Ari	streambank wheatgrass	20	60	20	30	10	60	20	20
<i>Agrostis</i> spp.	Agr	redtop	70	75	70	70	40	40	40	40
<i>Aristida</i> spp.	Aris	three-awned	10	20	10	10	10	20	10	10
<i>Bouteloua</i> spp. (W.)	Bgr	grama	80	80	80	40	60	60	20	20
<i>Bouteloua</i> spp. (E.)	Bgr	grama	80	80	80	80	70	70	70	70
<i>Bouteloua</i> spp. (S.)	Bgr	grama	80	80	80	80	70	70	70	70
<i>Bromus</i> spp.		brome	60	70	50	40	40	50	20	20
<i>Bromus inermis</i>	Bin	smooth brome	80	80	60	60	50	60	30	30
<i>Bromus tectorum</i> (W.)	Bte	downy brome	20	60	20	20	10	60	10	20
<i>Bromus tectorum</i> (E.)	Bte	downy brome	10	60	10	20	10	60	10	20
<i>Bromus tectorum</i> (S.)	Bte	downy brome	10	60	10	20	10	60	10	20
<i>Calamagrostis</i> spp.		reedgrass	40	50	30	-	10	20	10	-
<i>Calamagrostis rubescens</i>	Car	pinegrass	10	10	10	-	-	10	-	-
<i>Catabrosa</i> spp.	Cag	brookgrass	50	50	50	50	40	40	40	40
<i>Dactylis glomerata</i>	Dgl	orchard grass	70	80	50	-	40	60	30	-
<i>Distichlis</i> spp. (W.)	Dst	salt grass	40	50	50	20	10	20	10	10
<i>Distichlis</i> spp. (E.)	Dst	salt grass	40	50	50	20	10	20	10	10
<i>Distichlis</i> spp. (S.)	Dst	salt grass	40	50	50	40	10	20	10	10
<i>Elymus</i> spp.	Eco	wild-rye	30	50	30	40	20	30	10	10
<i>Festuca</i> spp.	Fes	fescue	75	80	60	60	60	70	40	40
<i>Festuca Kingii</i>	Fki	spike fescue	30	40	30	-	10	20	10	-
<i>Festuca</i> (annuals)	Foc	annual fescue	20	40	20	20	30	50	20	20
<i>Glyceria</i> spp.	Gls	managrass	60	60	60	60	30	30	30	30



Grasses cont'd.

SPECIES	SYMBOL	COMMON NAME	CATTLE				SHEEP			
			Su.	Sp.	F.	W.	Su.	Sp.	F.	W.
<i>Hilaria jamesii</i> (W.)	Hja	curly grass	40	60	30	50	20	30	20	40
<i>Hilaria jamesii</i> (E.)	Hja	curly grass	70	70	70	70	30	40	20	20
<i>Hilaria jamesii</i> (S.)	Hja	curly grass	60	70	60	60	30	40	20	20
<i>Hilaria rigida</i>	Hri	big galleta	30	40	20	20	10	20	10	10
<i>Hordeum jubatum</i>	Hju	foxtail barley	20	40	20	30	10	20	10	10
<i>Hordeum nodosum</i>	Hno	meadow barley	40	60	30	30	20	40	20	20
<i>Koeleria</i> spp.	Kcr.	junegrass	50	70	30	30	20	40	20	20
<i>Melica</i> spp.		oniongrass	50	60	50	-	30	40	20	-
<i>Muhlenbergia squarrosa</i>	Msq	mat muhly	20	50	30	30	20	30	10	10
<i>Muhlenbergia montana</i>	Mmo	mountain muhly	20	30	10	-	5	20	5	-
<i>Muhlenbergia porteri</i>		brush muhly	60	75	70	70	50	60	40	50
<i>Oryzopsis</i> spp.	Ory	ricegrass	60	80	60	75	60	80	60	75
<i>Phleum</i> spp.		timothy	70	70	70	70	50	50	50	50
<i>Poa</i> spp.	Poa	bluegrass	50	70	50	50	30	50	30	30
<i>Poa pratense</i>	Ppr	kentucky bluegrass	80	80	80	80	70	70	70	70
<i>Poa secunda</i>	Pse	sandberg bluegrass	30	70	30	30	20	60	20	20
<i>Sitanion</i> spp.	Shy	Squirrel tail	30	70	50	70	20	60	10	50
<i>Sporobolus</i> spp. (W.)	Spo	drop-seed	10	30	10	10	10	20	10	10
<i>Sporobolus</i> spp. (E.)	Spo	drop-seed	40	50	40	40	30	40	20	20
<i>Sporobolus</i> spp. (S.)	Spo	drop-seed	40	50	40	40	30	40	20	20
<i>Sporobolus aeroides</i>	Sai	drop-seed	20	40	20	40	10	20	10	10
<i>Stipa</i> spp.	Sts	needlegrass	50	70	50	50	30	50	20	20
<i>Stipa arida</i>	Sar	needlegrass	20	50	30	40	20	30	20	20
<i>Trisetum</i> spp.	Trs	trisetum	50	60	40	-	40	50	30	-
<i>Carex</i> (Hillside)		sedge	50	60	40	40	40	50	30	20
<i>Carex</i> (Meadow)		sedge	70	70	60	40	50	60	40	30
<i>Juncus</i> and <i>Juncoidea</i>		rush	30	50	30	30	10	20	10	10

Forbs (weeds)

<i>Achillea</i> spp.	Ala	yarrow	20	20	20	20	40	40	40	40
<i>Actaea</i> spp.	Aag	baneberry	0	0	0	0	10	10	10	10
<i>Actinea</i> spp.	Act	rubberweed	0	0	0	0	0	0	0	0
<i>Adenostegia</i> spp.	Ara	plumweed	0	0	0	0	0	0	0	0
<i>Agastache</i>	Avr	nettle leaf	40	20	40	-	50	50	50	-
<i>Agoseris</i>	Ago	mountain-dandelion	40	40	40	-	70	70	70	-
<i>Allium</i>	All	wild onion	10	10	-	-	20	50	-	-
<i>Allenrolfia</i> spp.	Aoc	pickleweed	0	0	0	0	0	0	0	0
<i>Alsine</i>	Als	chickweed	5	10	-	-	30	40	-	-
<i>Amaranthus</i>	Ama	pigweed	-	10	-	-	-	40	-	-
<i>Amsinckia</i>	Ams	fiddleneck	0	0	0	0	0	0	0	0
<i>Antennaria</i>	Ant	pussytoes	0	0	0	0	0	20	0	0
<i>Anaphalis</i>	Aph	pearl everlasting	0	0	0	0	0	0	0	0
<i>Androsace</i>	Anf	androsace	0	10	-	-	-	20	-	-
<i>Angelica</i>			70	70	-	-	80	80	-	-
<i>Anogra</i>	Anp	evening primrose	0	0	0	0	0	5	0	0



## Forbs (weeds) Cont'd.

SPECIES	SYMBOL	COMMON NAME	CATTLE				SHEEP			
			Su.	Sp.	F.	W.	Su.	Sp.	F.	W.
Applopappus	Apl	goldenweed	-	10	10	10	-	80	40	40
Apocynum	Apc	dogbane	0	0	0	0	0	0	0	0
Aquilegia	Aqu	columbine	10	10	-	-	40	40	-	-
Arenaria	Are	sandwort	0	0	0	0	0	0	0	0
Argemone	Arh	pricklepoppy	0	0	0	0	0	0	0	0
Arnica	Arn	arnica	10	10	-	-	20	20	-	-
Artemesia (see shrub list)										
Asclepias		milkweed	0	0	0	0	0	0	0	0
Aster	Ass	aster	30	30	30	-	50	50	50	-
Astragalus	Ast	joco	10	20	-	-	20	40	-	-
Aulospermum	Alo	fluted seed	0	0	0	0	0	20	-	-
Baileya (W.)	Epe	baileya	0	0	0	0	0	20	0	0
Baileya (E.)	Bpe	baileya	0	0	0	0	0	20	0	0
Baileya (S.)	Bpe	baileya	0	20	0	0	0	20	0	0
Balsamorrhiza sagittata	Bsa	arrowleaf balsamroot	20	20	10	-	40	50	30	-
Balsamorrhiza macrophylla	Bma	cutleaf balsamroot	-	10	5	-	-	20	10	-
Bistorta	Bis	bistort	0	0	0	0	0	0	0	0
Blitum	Blc	pigweed	0	0	0	0	0	0	0	0
Bassea		bassea	0	20	20	10	0	30	30	10
Brassica	Bra	mustard	5	5	5	-	10	10	10	-
Capsella bursa-pastoris	Cbp	shepherd's-purse	0	0	0	0	10	20	10	-
Calochortus	Clo	segol-lily	-	10	-	-	-	20	-	-
Castilleja	Cas	indian paintbrush	10	10	-	-	30	30	-	-
Chaenactis	Cho	false yarrow	0	0	0	0	0	0	0	0
Chamaenerion	Chci	fireweed	30	30	30	-	50	50	50	-
Chenopodium	Che	goosefoot	5	10	5	-	20	30	20	-
Cheirinia	Chn	wallflower	10	10	-	-	40	40	-	-
Chrysopsis	Cho	golden aster	10	10	-	-	10	20	10	-
Cirsium	Cir	thistle	10	10	10	-	40	40	40	-
Claytenia	Cia	springbeauty	0	0	0	0	0	10	0	0
Clematis		clematis (virgins-bower)	0	0	0	0	0	0	0	0
Cleome	Clu	beeflower	0	0	0	0	0	0	0	0
Cogswellia	Cog	cogswellia (biscuit roots)	0	10	0	0	0	30	0	0
Collinsia	Cte	blue-eyed-mary	0	0	0	0	0	20	0	0
Collomia	Col	collomia	0	0	0	0	0	20	0	0
Commandra	Cpa	toadflax	0	0	0	0	0	10	0	0
Crepis	Cac	hawksbeard	40	40	-	-	70	70	-	-
Cryptantha	Cry	cryptantha	0	0	0	0	0	10	0	0
Cynoglossum	Cef	houndstongue	0	0	0	0	0	0	0	0
Daphne	Dep	larkspur	40	40	20	-	50	50	50	-
Dondia	Don	Seepweed	0	0	20	20	0	10	20	40
Drymocallis	Dry	drymocallis	10	10	10	-	20	20	20	-
Enceliopsis	Enu	enceliopsis	-	40	-	-	-	90	-	-
Epilobium	Epi	willow-weed	20	20	-	-	30	30	-	-
Erigeron	Eri	daisy	0	0	0	0	10	10	0	0
Eriogonum (herbs) (W.)	Ero	wild buckwheat	0	0	0	0	10	10	10	10
Eriogonum (herbs) (E.)	Ero	wild buckwheat	10	10	10	10	10	10	10	10
Eriogonum (herbs) (S.)	Ero	wild buckwheat	10	10	10	10	10	10	10	10
Erithronium	Erp	dogtooth violet	0	0	0	0	0	0	0	0
Erodium (W.)	Eci	alfilaria	-	50	50	-	-	80	80	-



### Forbs (weeds) cont'd.



Forbs (weeds) cont'd.

SPECIES	SYMBOL	COMMON NAME	CATTLE				SHEEP			
			Su.	Sp.	F.	W.	Su.	Sp.	F.	W.
Penstemon (W)	Pon	penstemon	0	0	0	0	0	10	0	0
Penstemon (E.)	Pon	penstemon	0	0	0	0	0	20	0	0
Penstemon (S.)	Pon	penstemon	0	0	0	0	0	20	0	0
Phacelia	Phs	phacelia	0	0	0	0	0	50	0	0
Phlox	Phl	phlox	0	0	0	0	0	20	0	0
Physaria	Pdi	double-bladderpod	0	0	0	0	0	0	0	0
Plantago	Pla	plantain	0	0	0	0	0	10	0	0
Polemonium (white)	Pal	white polemonium	0	0	-	-	70	70	-	-
Polemonium (blue)	Pfo	blue polemonium	0	0	-	-	20	20	-	-
Polygonum	Ply	knowweed	10	10	-	-	20	20	-	-
Potentilla	Pot	cinquefoil	20	20	10	-	40	40	20	-
Pseudocymopteris	Psm	false carrot	10	10	-	-	-	40	-	-
Psoralea	Pss	scurfpea	0	0	0	0	0	0	0	0
Pteridium	Pag	bracken	0	0	0	0	0	0	0	0
Ranunculus	Rsp	buttercup	30	20	20	-	40	30	30	-
Rudbeckia	Roc	niggerhead	10	0	30	-	10	0	40	-
Rumex	Rum	dock	0	10	10	-	20	50	50	-
Salicornia	Ssp	glasswort	-	-	-	10	-	-	-	10
Salsola (Dense stands)	Spe	russian thistle	10	10	10	10	20	20	20	20
Salsola (Scattered in composite)	Spe	russian thistle	10	40	10	30	20	50	20	40
Senecio spp.	Sec.	groundsel (butterweed)	0	0	0	0	10	10	-	-
Senecio serra	Sse	tall groundsel	60	60	-	-	70	70	-	-
Senecio triangularis		groundsel	60	60	-	-	70	70	-	-
Sedum	Sed	stonecarp	0	0	0	0	0	0	0	0
Sierversia	Sie	apache-plume	0	0	0	0	20	20	0	0
Sidalcea	Sin	prairiemallow	20	20	20	0	30	30	30	0
Silene	Sil	catchfly	0	0	0	0	10	10	0	0
Solidago	Sol	goldenrod	10	10	10	0	20	20	20	0
Sophia	Sof	tansymustard	0	0	0	0	20	20	-	-
Sphaeralcea	Sps	globemallow	20	40	20	20	30	70	30	30
Stanleya	Sta	princes purse	0	0	0	0	0	0	0	0
Taraxia		taraxia	10	10	-	-	20	20	-	-
Thalictrum	Tha	meadowrue	0	0	0	0	10	10	-	-
Thelypodium	Tsa	thelypodium	0	0	0	0	0	10	-	-
Thermopsis	The	golden pea	0	0	0	0	0	0	0	0
Thlaspi	Tgi	penny cress	0	0	0	0	0	0	0	0
Tithymalus	Tit	spurge	0	0	0	0	0	0	0	0
Trifolium	Tri	clover	80	80	60	-	80	80	60	-
Typha		cat tail	0	0	0	0	0	0	0	0
Urtica	Uur	nettle	10	10	10	-	20	20	20	-
Vagnera	Vag	false solomonseal	0	0	0	0	10	10	-	-
Valeriana	Vla	valerian	10	10	10	-	20	20	20	-
Verbascum	Vth	mullein	0	0	0	0	0	0	0	0
Veratrum	Vca	false hellebore	0	10	10	0	0	10	10	0
Vicia (Climbing)	Vic	vetch	70	50	50	0	70	60	60	0

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Forbs (weeds) cont'd.

SPECIES	SYMBOL	COMMON NAME	CATTLE				SHEEP			
			Su.	Sp.	F.	W.	Su.	Sp.	F.	W.
Viola	Vio	violet	0	0	0	0	10	10	0	0
Viguiera	Vmu	many flowered sunflower	10	10	10	-	20	20	30	-
Wyethia	Wam	mule ear dock	10	10	-	-	10	20	10	-
Xanthium (W.)	Xan	cocklebur	0	0	0	0	0	10	0	0
Xanthium (E.)	Xan	cocklebur	0	0	0	0	0	10	0	0
Xanthium (S.)	Xan	cocklebur	10	10	10	20	0	0	0	0
Zygadenus	Zyg	death camas	0	10	0	0	0	20	0	0

Browse (Shrubs)

Acer spp.	Acg	maple	0	0	0	0	10	10	0	0
Alnus tenuifolia	Alt	mountain alder	0	0	0	0	0	0	0	0
Amelanchier spp.	Aal	service berry	40	60	30	30	40	60	30	30
Arctostaphylos spp.		bear berry	0	0	0	0	0	0	0	0
Artemesia cana	Acn	water sagebrush	5	5	5	5	10	10	10	10
Artemesia (herbaceous)		wormwood	0	10	0	10	10	30	0	10
Artemesia frigida (W.)	Afr	fringed wormwood	0	10	0	10	20	20	40	50
Artemesia frigida (E.)	Afr	fringed wormwood	0	10	0	10	20	20	40	50
Artemesia frigida (S.)	Afr	fringed wormwood	0	10	0	10	20	20	70	70
Artemesia filifolia (S.)	Afi	sand sagebrush	0	0	10	10	0	10	30	40
Artemesia nova	Ano	black sagebrush	10	10	10	20	20	40	60	75
Artemesia spinescens	Ars	bud sagebrush	0	10	20	20	20	75	30	30
Artemesia tridentata	Atr	sagebrush	5	5	5	5	5	10	10	20
Atriplex annual	Atx	salt weed	0	0	10	10	5	5	20	20
Atriplex canescens	Acs	fourwing saltbrush	30	40	50	60	40	60	60	60
Atriplex confertifolia	Aco	shadscale	5	5	20	20	10	10	40	40
Atriplex corrugata	Atc	mat saltbush	5	5	20	30	10	10	50	60
Atriplex nuttallii (W.)	Atn	Nuttall saltbush	15	15	30	40	20	20	60	70
Atriplex nuttallii (E.)	Atn	Nuttall saltbush	20	20	60	60	20	20	60	60
Atriplex nuttallii (S.)	Atn	Nuttall saltbush	20	20	60	60	20	20	60	60
Baccharis glutinosa		seepwillow	0	0	0	0	0	0	0	0
Ceanothus spp. (W.)		thornbush	10	20	20	20	20	30	20	20
Ceanothus spp. (E.)		thornbush	10	20	20	20	20	30	20	20
Ceanothus spp. (S.)		thornbush	10	20	20	20	20	40	20	20
Ceanothus velutinus	Cve	snowbrush	0	0	0	0	10	0	0	0
Cercocarpus montanus	Cmo	mountain mahogany	70	70	70	70	70	70	70	70
Cercocarpus ledifolius	Cle	curlleaf mahogany	0	0	0	0	0	0	10	10
Cercocarpus intricatus	Cei	mahogany	0	0	0	0	0	0	70	70
Chrysothamnus spp.	Chr	rabbitbrush	5	5	10	10	10	10	20	20
Chrysothamnus steno-										
phyllus (W.)	Chs	rabbitbrush	5	5	10	10	10	10	20	20
Chrysothamnus steno-										
phyllus (E.)	Chs	rabbitbrush	5	5	10	10	10	10	20	30

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### Browse (Shrubs) cont'd

Section (Sample)

Section (Sample)												Section (Sample)																																																																																							
Section (Sample)			Section (Sample)			Section (Sample)			Section (Sample)			Section (Sample)			Section (Sample)			Section (Sample)			Section (Sample)																																																																														
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52	Q53	Q54	Q55	Q56	Q57	Q58	Q59	Q60	Q61	Q62	Q63	Q64	Q65	Q66	Q67	Q68	Q69	Q70	Q71	Q72	Q73	Q74	Q75	Q76	Q77	Q78	Q79	Q80	Q81	Q82	Q83	Q84	Q85	Q86	Q87	Q88	Q89	Q90	Q91	Q92	Q93	Q94	Q95	Q96	Q97	Q98	Q99	Q100
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40	Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50	Q51	Q52</																																																

Browse (Shrubs) Cont'd.

SPECIES	SYMBOL	COMMON NAME	CATTLE				SHEEP			
			Su.	Sp.	F.	W.	Su.	Sp.	F.	W.
<i>Opuntia</i> spp. (E.)	Ore	pricklypear	0	0	0	0	0	0	0	0
<i>Opuntia</i> spp. (S.)	Ore	pricklypear	0	5	0	5	0	0	0	0
<i>Opulaster</i> spp.	Oml	ninebark	20	20	-	-	20	20	-	-
<i>Pachystima</i> spp.	Pmy	mountain myrtle	0	0	0	0	0	0	0	0
<i>Parosela</i> formosa (W.)		peabush	0	0	0	0	0	0	10	10
<i>Parosela</i> formosa (E.)		peabush	0	0	0	0	0	0	0	0
<i>Parosela</i> formosa (S.)		peabush	0	0	0	0	0	0	10	10
<i>Philadelphus</i> spp.	Ple	mockorange	0	0	-	-	0	0	-	-
<i>Populus</i> spp.	Pte	cottonwood	30	30	40	-	50	50	40	-
<i>Prosopis</i> spp. (S.)	Pro	mesquite	20	20	20	-	-	-	-	-
<i>Prunus</i> spp.	Prn	cherry	40	40	40	-	60	60	60	-
<i>Purshia</i> spp.	Ptr	bitterbrush	50	50	50	50	50	50	50	50
<i>Peraphyllum</i> spp.	Per	squawapple	-	-	10	10	-	-	30	30
<i>Quercus</i> spp. (W.)	Qga	oak	10	10	15	-	10	10	15	15
<i>Quercus</i> spp. (E.)	Qga	oak	10	10	15	-	10	10	15	-
<i>Quercus</i> spp. (S.)	Qga	oak	10	10	15	-	10	10	15	-
<i>Quercus</i> turbinella (W.)		live oak	0	0	0	0	0	0	0	0
<i>Quercus</i> turbinella (E.)		live oak	10	20	10	10	10	20	10	10
<i>Quercus</i> turbinella (S.)		live oak	10	20	10	10	10	20	10	10
<i>Rhus</i> trilobata (W.)	Rtr	skunkbush	0	0	0	0	0	0	15	15
<i>Rhus</i> trilobata (E.)	Rtr	skunkbush	-	10	10	10	-	15	15	15
<i>Rhus</i> trilobata (S.)	Rtr	skunkbush	-	10	10	10	-	10	10	10
<i>Ribes</i> spp.	Rib	currant	10	10	10	10	20	20	20	20
<i>Rosa</i> spp.	Ros	rose	40	40	20	20	50	50	20	20
<i>Rubus</i> spp.	Rpa	raspberry	10	10	-	-	10	10	-	-
<i>Salix</i> spp.	Sal	willow	40	40	20	20	40	40	20	20
<i>Salvia</i> spp.	Sac	sage	0	0	0	0	0	0	50	50
<i>Sambucus</i> (blue)	Scu	blue elderberry	20	0	50	-	20	0	50	-
<i>Sambucus</i> (red)	Sam	red elderberry	20	0	70	-	20	0	70	-
<i>Sarcobatus</i> spp. (W.)	Sve	greasewood	10	20	5	5	10	30	10	10
<i>Sarcobatus</i> spp. (E.)	Sve	greasewood	20	20	10	10	10	30	10	10
<i>Sarcobatus</i> spp. (S.)	Sve	greasewood	10	20	10	10	20	30	10	10
<i>Simmondsia</i> spp.		jojoba	50	50	50	50	40	40	40	40
<i>Strombocarpa</i> prosopis (W.)		screwbean	-	-	20	20	-	-	20	20
<i>Strombocarpa</i> prosopis (S.)		screwbean	10	10	10	-	-	-	-	-
<i>Syphoricarpos</i> spp.	Sym	snowberry	20	20	30	0	50	50	20	20
<i>Tetradymia</i> spp.	Tsp	horsebrush	5	5	0	0	5	5	10	10
<i>Yucca</i> spp.	Yuc	soapweed	5	5	5	5	0	0	0	0

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